

First, you will need to have Google Earth installed on your computer.

- 1) **Double click** the KMZ file for your park --a KMZ is a zipped KML file, “Keyhole Markup Language”, the code that Google Earth uses. The KMZ will self-extract under your “*Temporary Places*” folder (left side of the Google Earth window).
- 2) **Click** the + button to reveal the water quality criteria subfolders. There will be two subfolders, one with multi-parameters (“*NC HW WS II-IV*” for example), and one called “*Low pH*” -- to allow independent displays of high and low pH limits.
- 3) **Click** the + button on the subfolders to reveal specific WQ parameters.
- 4) **Toggle** WQ parameters by clicking boxes next to the parameters. Its a good idea not to activate too many parameters at once as it can get confusing as each parameter is plotted over the other. If you see the superposition of multiple station labels (two CARL\_TSTS for example), then you have multiple parameters selected.

Data displayed represent the period of record for CUPN water quality monitoring at your park. You will see the water quality sampling stations in your park displayed as red, orange, yellow or green symbols. Symbol type, circle, square and triangle, denote water body type, while color represents the percentage of times the parameter in question violated its state standard. Symbol size is correlative to the sample population. If you “right-click” on the primary folder under “*Temporary Places*” (underlined and in blue), you will activate the legend. An example for CARL follows:

#### **WQ\_Analysis\_03\_Feb\_2010\_8\_29\_38.KML**

##### **Results filtered for:**

Organization = CUPN: Cumberland Piedmont Network  
Project = CARL\_WQ:CUPN WQ Monitoring, CARL  
Station = CARL\_FLFL: Front Lake  
CARL = MRFL: Mountain Reservoir  
CARL= SLSL: Side Lake  
CARL = TSSL: Trout Pond Spring  
WQ Standards = NC HW WS II-IV (CUPN)  
Exclude Analytical Groups  
Include Only Samples Not Checked as QC  
Result Remark = None

**Censored Data Substitutions:** \*Non-detect=0.5\* Detection Limit, \*Present  
g.t.QL=1.1\* Upper Quantification Limit, \*Present l.t.QL=0.5\*  
Lower Quantification Limit

**Icon Shape:** Based on primary type of station  
circle = Well of Spring or Cave of Land  
square = Lake or Great Lake or Ocean or Reservoir  
triangle = River/Stream or any other type

**Icon Size:** Based on number of results reported at station.  
small = less than 10 results  
medium = between 10 and 25 results  
large = between 25 and 50 results  
extra large = more than 50 results

**Icon Color:** Based on proportion of exceedances of water quality criterion.  
red = proportion over 0.50  
orange = proportion between 0.10 and 0.50  
yellow = proportion between 0.00 and 0.10  
green = proportion is 0.00